

HF Compression Drivers

CDX1-1732

1-inch exit neodymium magnet compression driver



- Single piece polyimide diaphragm and surround.
- Sound castle diaphragm assembly.
- 2,000Hz recommended min.crossover freq (12dB/oct).

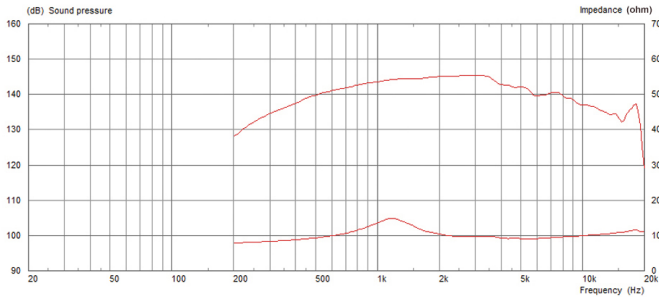
General Specifications

| | |
|--|---------------------------------|
| Power Rating | 50W |
| Continuous power rating | 100W |
| Rated impedance | 8 Ω |
| Sensitivity | 110dB |
| Frequency range | 1000-20,000Hz |
| Recommended min. crossover (12dB/oct) | 2000Hz |
| Magnet type | Neodymium |
| Voice coil diameter | 44mm / 1.75in |
| Voice coil material | Edgewound copper clad aluminium |
| Diaphragm material | Polyimide |
| Surround material | Polyimide |

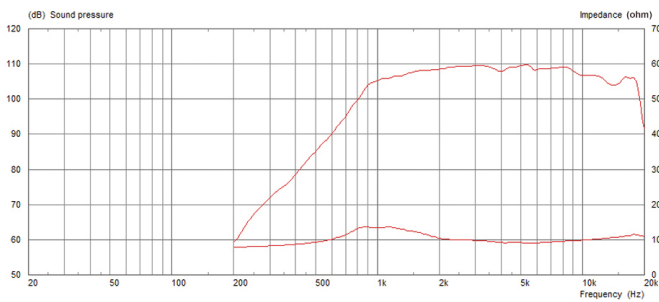
Mounting Information

| | |
|-------------|-------------------------------------|
| Width | 88.5mm / 3.5in |
| Depth | 55mm / 2.2in |
| Fitting | Bolt (4 x M6 holes on 76mm/3in PCD) |
| Throat exit | 25mm / 1in |
| Unit weight | 0.65kg / 1.4lb |

Frequency Response and Impedance Curves



Measured: Plane Wave Tube



Measured - Exponential Horn 90° x 40° radiation pattern

Power rating: Tested for two hours on plane wave tube using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance.

Continuous power rating: Defined as 3dB greater than the AES rating.

Sensitivity: Measured on axis at 1W, 1m, using typical horn, in 2 anechoic environment.

Packed Dimensions & Weight

| | |
|---------------------------|---|
| Multi pack qty | 16 |
| Multi pack size W x D x H | 500mm x 485mm x 110mm / 19.7in x 19.1in x 4.3in |
| Multi pack weight | 11.2kg / 24.9lb |

Horns and repair kits

| | |
|-------|--------------------------|
| T5572 | Diaphragm repair kit 8 Ω |
| T5359 | H19040P Horn |
| T5134 | H17050 No Bell Horn |

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